The Next Generation of Portable Balances for your Classroom

Designed for education applications, the OHAUS Scout with large backlit LCD backed by education software is the ideal balance for your classroom. It is built to endure demanding classroom applications with superior overload protection. Features including faster stabilization time, increased capacity, multiple connectivity options and stackable design make Scout the best weighing experience for the next generation classroom.

Standard Features Include:

- **Superior Overload Protection & Practical Stackable Design for Convenient Storage**
  Integrated superior overload protection system rated at 10 times the capacity protects the balance in demanding classroom environments. Space-saving design allows for stackable storage (excluding 1mg model).

- **Improved Functionality with Bright Backlit LCD and 4 Button Operation**
  Combined with a simplified 4 button operation, the Scout's large backlit display increases readability in dim lighting conditions, and makes it easier to view results from across a desk or lab bench.

- **Multiple Connectivity Options Available for Data Logging and Communication**
  With expanded connectivity options including RS232, USB Host, USB Device, Ethernet and Bluetooth®, the Scout provides added versatility to your data collection and transfer needs.

- **Fast Weighing Speed and High Resolution Deliver Repeatable and Reliable Results**
  Stabilization time as fast as 1 sec means increased efficiency in your classroom. Equipped with advanced weighing technology, the Scout also ensures repeatable and reliable weighing results.

Scout® *Portable Precision Balances*

Scout can Handle Demanding Classroom Environments

The superior mechanical overload protection system of the Scout is comprised of a high-strength stainless steel pan and an impact-resistant plastic pan support. This enables the balance to safely withstand loads up to 10 times its rated capacity, and survive in demanding classroom environments where capacity may be frequently exceeded. Scout's unique stacking and storage cover allows the balance to be safely stored away when not in use. The integrated transportation lock protects the load cell from damage during stacking storage and transportation.

User-Friendly Experience Guaranteed with Backlit Display and 4-Button Operation

4 clearly marked buttons remove complexity, and guide you quickly and easily through balance setup, unit of measure changes, calibration and more. Poor lighting in the lab or classroom is not an issue with the new Scout. The large, bright backlit LCD display improves readability in conditions where lighting is poor, and makes it easy to see the weighing results from a distance.

Expanded Connectivity Options Allow for a More Modern Weighing Experience

Scout has multiple connectivity options – RS232, USB Host, USB Device, Ethernet and Bluetooth®*. With expanded connectivity options, the OHAUS Scout offers more versatility for convenient data logging, communication and remote functionality. Utilize the Bluetooth accessory to remotely control the balance from your mobile device or tablet for Android™**. Perform functions such as Zero, Tare, Print, Power Off and more. With the USB Host option, you can simply save and transfer data from the balance to a USB drive.

Increased Efficiency and Productivity in your Facility

It's all about accuracy and efficiency with the OHAUS Scout balance. Stabilization time as fast as 1 second combined with high resolution deliver extremely precise and repeatable weighing results that you can count on time and time again. This makes the Scout ideal for routine experiments and other weighing applications in your classroom.

Scout shown with optional Density Determination Kit

Draftshield Model Available

Scout's ingenious draftshield (1mg model only) was designed with an easy to remove top cover piece. This serves as a wind protection ring which keeps the weighing surface stable in rough environments, while maintaining weighing speed.

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**Android is a trademark of Google Inc.

Stackable Design
Space-saving design allows for stackable storage (excludes mg models)

Connectivity
Expanded connectivity options including RS232, USB Host, USB Device, Ethernet and Bluetooth®

Weigh Below Hook
The integral weigh below hook on the bottom of the Scout allows for density determination or specific gravity calculations

Security Slot
Integrated security slot prevents theft

Lockswitch
The Scout can be locked into a specific configuration using the lockswitch

Large Backlit LCD Display
High contrast LCD Display shows weight and application data clearly, even in poor lighting conditions

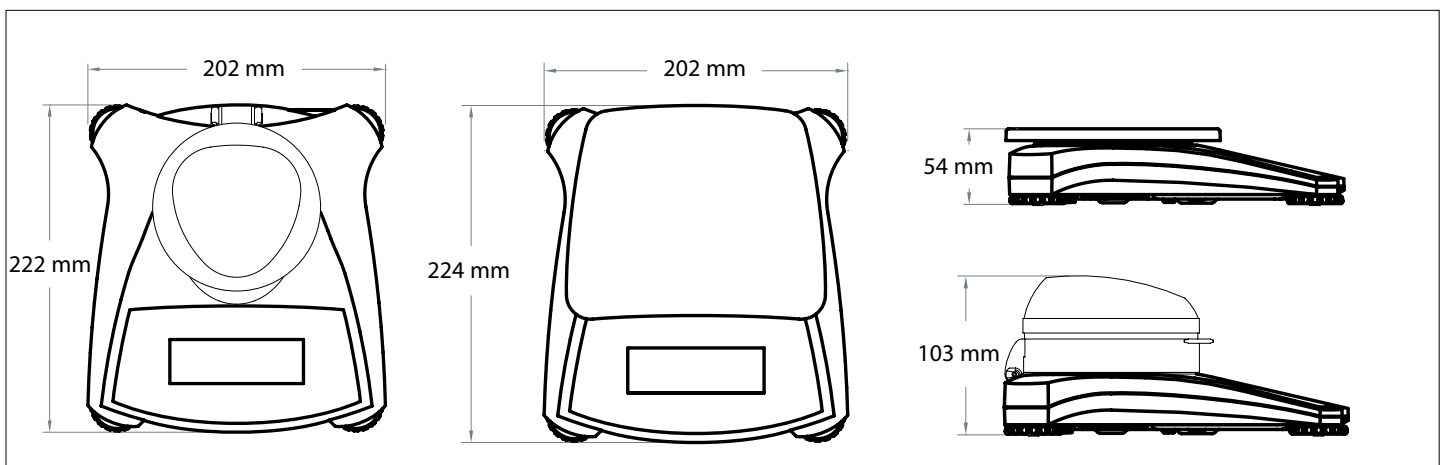## Built-in Application Modes

- **Weighing**—Determines the weight of items on the pan in the selected unit of measure.
- **Density Determination**—Determines density of solids or liquid. With the integrated weigh below hook, it is

possible to perform specific gravity tests for objects that cannot be easily placed on the weighing pan.

- **Mole Weighing**—Measures the weight of a sample and calculate it into Moles automatically.

Outline Dimensions

202 mm

202 mm

54 mm

222 mm

224 mm

103 mm

Scout® *Portable Precision Balances*

Modèle	SKX123	SKX222	SKX422	SKX622	SKX1202	SKX2202	SKX421	SKX621	SKX2201	SKX6201	SKX8200
Capacity (g)	120	220	420	620	1200	2200	420	620	2200	6200	8200
Readability (g)	0.001	0.01					0.1				1
Repeatability (Std. Dev.) (g)	0.002	0.01			0.02		0.1				1
Linearity (g)	0.003	0.01		0.02	0.03		0.1			0.2	1
Span Calibration Mass*	100 g	200 g		300 g	1 kg	2 kg	200 g	300 g	2 kg	5 kg	8 kg
Linearity Calibration Mass	50, 100 g	100, 200 g	200, 400 g	300, 600 g	500 g, 1 kg	1 kg, 2 kg	200, 400 g	300, 600 g	1 kg, 2 kg	3 kg, 6 kg	4 kg, 8 kg
Stabilization Time (s)	1.5	1			1.5		1				
Construction	ABS housing & stainless steel pan										
Draftshield	Yes	No									
Calibration	User-selectable external span or linearity calibration/Digital with external weight										
Tare Range	Full capacity by subtraction										
Weighing Units	g, kg, N, oz, lb, lb:oz										
Application Modes	Weighing, Density Determination, Mole Weighing										
Power Requirement	AC adapter (included) or 4 AA batteries (not included)										
Typical Battery Life	80 hours	120 hours	80 hours				120 hours			80 hours	120 hours
Communication	RS232, USB Host, USB Device, Ethernet or Bluetooth® (available as an accessory, compatible only with Android OS device)										
Display Type	Liquid crystal display (LCD) with backlight										
Display Size	20 mm digits										
Overload Capacity	10 times the rated capacity										
Operating Temperature Range	10°C to 40°C at 10% to 80% relative humidity, non-condensing										
Storage Conditions	-20°C to 55°C at 10% to 90% relative humidity, non-condensing										
Pan Size (W × D)	Ø93 mm	Ø120 mm			170 × 140 mm		Ø120 mm		170 × 140 mm		
Balance Dimensions (W × D × H)	202 × 222 × 103 mm	202 × 224 × 54 mm									
Shipping Dimensions (W × D × H)	300 × 250 × 129 mm										
Net Weight	1 kg										
Shipping Weight	1.6 kg										

* Span calibration weight is included with models up to 620g capacity

Other Standard Features and Equipment
Transportation lock, stainless steel pan, menu & calibration lockout switch, mechanical and software overload/ underload protection, stability indicator, auto tare, low battery indicator, auto shut-off, user-selectable printing options, user-selectable communication settings

Compliance
• **Product Safety:** IEC/EN 61010-1; CAN/CSA C22.2 No. 61010-1; UL Std. No. 61010-1
• **Electromagnetic Compatibility:** IEC/EN 61326-1 Class B; FCC Part 15 Class B; Industry Canada ICES-003 Class B

Accessories

RS232 Interface Kit 30268982
USB Host Interface Kit .30268983
USB Device Interface Kit 30268984
Bluetooth Interface Kit 30268985
Ethernet Interface Kit .30268986
Stacking & Storage Cover** (6 pcs). 30268987
Stacking & Storage Cover** (1 pc) 30268988
**Not fit for models with draftshield

Printer, Impact, SF40A, EU 30064202
Auxiliary Display, TAD7-S 30333960
Security Device. 80850043
Top Loading Kit for Density Determination 30269020
Carrying Case 30269021
In-use Cover 30269022

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